IN THE CLAIMS

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P.	1. (Amended Twice) A method for managing access to a logical I/O device, said method
M	comprising:
\mathcal{J}	communicatively coupling first and second nodes, having respective first and second bus
5	controllers, and said logical I/O device, by means of a bus and said first and second bus
6	controllers;
7	receiving on said first controller a request to reserve said logical I/O device; and
8	communicating by means of said bus from said first to said second controller a
9	reservation request for said logical I/O device for execution by said second controller, in
\ 10	response to said receiving.
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(12)	2. (Previously Amended) The method of claim 1, further comprising the step of:
13	reserving said logical I/O device for said first node within said second controller, in
14	response to said communicated reservation request.
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16	3. (Amended Twice) The method of claim 2, wherein said step of reserving further
17	comprises:
18	determining whether said logical I/O device is already reserved within said second
19	controller;
20	communicating a response, indicating failure to reserve said logical I/O device, to said
21	first node when said logical I/O device is already reserved; and
22	otherwise, reserving said logical I/O device for said first node within said second
23	controller, and communicating to said first node a response indicating success in reserving said
24	logical I/O device.
25	
26	4. (Previously Amended) The method of claim 3, further comprising the steps of:
27	receiving said response to said communicated reservation request;
28	aborting the method for managing access when said response indicates failure to reserve
29	and said first controller is subordinate to said second controller;
30	otherwise, delaying and communicating again a reservation request for said logical I/O
31	device when said response indicates failure to reserve and said first controller is dominant to said
32	second controller; and

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1	otherwise, responding, indicating success, to said received reservation request.		
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3	5. (Previously Amended) The method of claim 1, wherein said step of communicatively		
4	coupling further comprises:		
5	communicatively coupling said first and second nodes and said logical I/O device		
6	depending from a multi-logical-device, third controller by means of said bus and said first ar		
7	second controllers.		
8			
9	6. (Original) The method of claim 1, wherein after said step of receiving and before said		
01	step of communicating, the following steps are performed:		
1)	in response to said reservation request, determining whether said logical I/O device is		
1/2	already reserved within said first controller, and aborting said method for managing access when		
13	said logical I/O device is already reserved; and		
14	otherwise, reserving said logical I/O device for said first node within said first controller.		
15			
16	7. (Previously Amended) A computer-readable medium for data storage wherein is		
17	located a computer program including instructions for causing a first node in a computer system		
18	having a first bus controller, to manage access to a logical I/O device in said computer system		
19	by:		
20	receiving on said first controller a request to reserve said logical I/O device; and		
21	communicating in response to receiving said request, a reservation request for said		
22	logical I/O device from said first controller to a second controller of a second node for execution		
23	by said second controller.		
24			
25	8. (Previously Amended) The computer-readable medium of claim 7, wherein said		
26	computer program further including instructions causing access management by:		
27	reserving said logical I/O device for said first node within said second controller, in		
28	response to said reservation request communication.		
29			
30	9. (Previously Amended) The computer-readable medium of claim 8, wherein said		
31	computer program instructions causing said reserving further comprise instructions for:		

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1	determining whether said logical I/O device is already reserved within said second
2	controller;
3	communicating a response, indicating failure to reserve said logical I/O device, to said
4	first node when said logical I/O device is already reserved; and
5	otherwise, reserving said logical I/O device for said first node within said second
6	controller, and otherwise, reserving said logical I/O device for said first node within said second
7	controller, and communicating to said first node a response indicating success in reserving said
8	logical I/O device.
9	
0	10. (Previously Amended) The computer-readable medium of claim 7, wherein after said
1	receiving and before said communicating, said computer program further including instructions
2	for:
3	determining, in response to said reservation request, whether said logical I/O device is
4	already reserved within said first controller, and aborting said method for managing access when
5	said logical I/O device is already reserved; and
16	otherwise, reserving said logical I/O device for said first node within said first controller.
17	
8	11. (Amended Twice) A computer system comprising:
9	at least one logical I/O device;
20	first and second nodes having respective first and second bus controllers, said first
21	controller comprising:
22	a computer-readable medium storing a computer program for managing access to said
23	logical I/O device by a first node in said computer system, said computer program including
24	instructions for: receiving on said first controller a request to reserve said logical I/O device; and
25	communicating in response to receiving said request, a reservation request for said logical I/C
26	device from said first controller to a second controller of a second node for execution by said
27	second controller;
28	a CPU, coupled to said computer-readable medium, for executing said computer program
29	stored in said medium; and
30	a bus communicatively coupling said first and second nodes and said logical I/O device
1	by means of said first and second controllers

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1	12. (Twice Amended) A method for managing access to a logical I/O device, said
2	method comprising:
3	communicatively coupling first and second nodes having respective first and second bus
4	controllers, and said logical I/O device, by means of a bus and said first and second controllers;
5	receiving, on said first controller, a request to release said logical I/O device; and
6	communicating a release request for said logical I/O device over said bus from said first
7	controller to said second controller for execution by said second controller, in response to said
8	receipt of said request to release.
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7.0	13. (Original) The method of claim 12 wherein before said step of receiving, the
M	following steps are performed:
12	receiving on said first controller a request to reserve said logical I/O device; and
13	communicating by means of said bus from said first to said second controller a
14	reservation request for said logical I/O device for execution by said second controller, in
15	response to said receiving a reservation request
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17	14. (Previously Amended) The method of claim 12, further comprising the step of:
18	releasing said logical I/O device within said second controller, in response to said release
19	request communication.
20	/
21	15. (Previously Amended) The method of claim 12, wherein said step of
22	communicatively coupling comprises:
23	communicatively coupling said first and second nodes and a logical device depending
24	from a multi-logical-device, third controller by means of said bus and said first and second
25	controllers.
26	/
27	16. (Previously Amended) A computer-readable medium for data storage wherein is
28	located a computer program for causing a first node in a computer system, having a first bus
29	controller, to manage access to a logical I/O device in said computer system by:
30	receiving on said first controller a request to release said logical I/O device; and

1	communicating by means of a bus from said first controller to a second controller of a		
2	second node a release request for said logical I/O device for execution by said second controller,		
3	in response to said receiving.		
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5	17. (Previously Amended) The computer-readable medium of claim 16, wherein said		
6	computer program further manages access by:		
7	releasing said logical I/O device within said second controller, in response to said releas		
8	request communication.		
9			
10	18. (Amended Once) A computer system comprising:		
11	first and second nodes having respective first and second bus controllers, said first		
1/2	controller comprising		
\ 13	the computer-readable medium of claim 16; and		
14	a CPU, coupled to said medium, for executing said computer program in said medium;		
15	a logical I/O device; and		
16	a bus communicatively coupling said first and second nodes and said logical I/O device		
17	by means of said first and second controllers.		
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19	19. (Original) An apparatus for managing access to a logical I/O device, said apparatus		
20	comprising:		
21	means for communicatively coupling first and second nodes, having respective first and		
22	second bus controllers, and a logical I/O device;		
23	means for receiving on said first controller a request to reserve said logical I/O device;		
24	and		
25	means for communicating from said first to said second controller a reservation request		
26	for said logical I/O device for execution by said second controller, in response to said receiving.		
27			
28	20. (Original) An apparatus for managing access to a logical I/O device, said apparatus		
29	comprising:		
30	means for communicatively coupling first and second nodes, having respective first and		
31	second bus controllers, and a logical I/O device;		
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1	means for receiving on said first controller a request to release said logical I/O device;
2	and
3	means for communicating by means of said bus from said first to said second controller a
4	release request for said logical I/O device for execution by said second controller, in response to
5	said receiving.
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7	21. (Amended Once) An apparatus for managing access to a logical input/output device,
8	said apparatus comprising:
9	a communications link coupling first and second nodes each having respective first and
10	second bus controllers to the logical input/output device;
V 1	input logic on said first controller receiving a request to reserve the logical input/output
72	device; and
11 12 13 14	communications logic communicating from said first controller to said second controller
14	a reservation request for the logical input/output device for execution by said second controller,
15	in response to said receiving.
16	•
17	22. (Amended Once) The apparatus in claim 21, wherein the logical input/output device
18	is selected from a plurality of logical input/output devices coupled with a physical input/output
19	device.
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21	23. (Original) The apparatus in claim 21, wherein said communications link comprises a
22	bus.
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24	24. (New) The method of claim 1, wherein said communicatively coupling further
25	comprises said logical I/O device is stored on a plurality of physical I/O devices.
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27	25. (New) The method ϕ f claim 1, wherein said communicatively coupling further
28	comprises said logical I/O device is selected from a plurality of logical I/O devices, with each
29	logical I/O device defined in part on a common physical I/O device.
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26. (New) The system of claim 11, wherein said logical I/O device spans a plurality of physical I/O devices, and said reservation request reserves said logical I/O device without reserving each of said plurality of physical I/O devices.

27. (New) The system of claim 11, wherein said logical I/O device is selected from a plurality of logical I/O devices, each of said plurality of logical I/O devices coupled with at least one common physical I/O device, and said reservation request is executed by said second controller to reserve said logical I/O device without reserving said at least one common physical I/O device.

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